

July 29, 2011

Stephen J. Gracey
Survey Project Manager
GYMO, Architecture, Engineering and Land Surveying, P.C.
220 Sterling Street
Watertown, NY 13601

Marlene H. Dortch, Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554
Re: IB Docket No. 11-109

Dear Ms. Dortch,

I am very concerned about Lightsquared's proposal for the 4G LTE system. I believe that if the proposal is approved it would have devastating impacts on not only the company I am employed with, but the entire (Global Positioning Systems) GPS community as a whole.

I am a survey project manager at GYMO, Architecture, Engineering and Land Surveying, P.C. in Watertown, NY. The firm currently employs about 25 people. We have ~ \$70,000 invested in our GPS equipment. We use high precision GPS on a daily basis for a range of projects including boundary line surveys, topographic surveys and construction layout.

We use GPS on Fort Drum, one of the fastest growing military bases in the United States, on a regular basis. We are also performing projects for the U.S. Department of Agriculture (USDA) Natural Resource Conservation Service (NRCS). The projects for Fort Drum and the NRCS have to be in NY State Plane Coordinate systems. To get a project into state plane coordinates systems is relatively quick and easy utilizing GPS technology. This can be achieved by accessing the New York State Continuously Operating Reference Stations (CORS) Network Radio Signals.

By Lightsquared's proposal, not only would our equipment become worthless but the entire New York State CORS network would have to be upgraded. The cost of replacing the equipment in the current economy could be detrimental to our company, many others in the market and the entire State of New York. Projects that currently take hours to perform with GPS could take days or even weeks without GPS capabilities. That would make it extremely difficult for our firm to stay competitive and profitable.

I recommend that the FCC deny Lightsquared's current proposal. I believe that the entire GPS community would be adversely affected by the approval of Lightsquared's proposal and the GPS technology needs to be protected from this.

Thank you for your time,

/S/ Stephen J. Gracey

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Survey Project Manager